


TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: James E. Michalk, Water Quality Modeler
 Water Quality Assessment Team
Water Quality Assessment Section

Date: August 16, 2018

Subject: Port of Corpus Christi Authority of Nueces County; Wastewater Permit No. 05253 / TX0138347 (new)
Discharge directly to Corpus Christi Bay, Segment 2481 of the Bays and Estuaries

The referenced applicant is proposing to discharge 95.6 MGD of reverse osmosis reject and pre-treatment system reject (via Outfall 001) from a seawater desalination facility. The discharge is to be located in Nueces County.

Due to the low levels of oxygen-demanding constituents expected from this type of discharge, no significant dissolved oxygen depletion is anticipated in the receiving waters as a result of this discharge.

Corpus Christi Bay (Recreational Beaches) (2481CB) is currently listed on the State's inventory of impaired and threatened waters (the 2014 Clean Water Act Section 303(d) list). The 2481CB listing is specifically for elevated bacteria levels at Cole Park (AU 2481CB_03), Ropes Park (AU 2481CB_04), and Poenisch Park (AU 2481CB_06). There are currently no other 303(d) impairment listings for Segment 2481.